

ABSTRACT OF THE DISCLOSURE

An image forming apparatus, method and computer program product, including a pattern detecting device configured detect whether or not a pattern is constructed with a lengthwise line of a single dot width on a basis of a pattern of respective multi-value data of a target pixel and circumferential pixels adjacent thereto in a main scanning direction; and a printing device configured to print size-reduced printing dots of the lengthwise line of the single dot width detected by the pattern detecting device.

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